

Title (en)
AIR-GUIDING DEVICE FOR LORRIES AND TOWING VEHICLES

Publication
EP 0349746 B1 19930317 (DE)

Application
EP 89109189 A 19890522

Priority
DE 3823161 A 19880708

Abstract (en)
[origin: EP0349746A2] Technical object Reduction of the coefficient of air resistance with economically optimised measures in a range of vehicles with different dimensions with simultaneous evaluation in terms of design of the entire vehicle. Solution of the technical object In heavy goods vehicles, in particular articulated lorries, having driver's cabins with different outer dimensions and semitrailers of different heights, a uniform, enclosed appearance with identical flow conditions is obtained by means of an air-guiding device at the junction between driver's cabins of different dimensions and semitrailers (2) of different heights connected thereto, using a kit of junction elements which complement each other in terms of streamlining and design, consisting of an air-guiding wing (5) which is arranged mainly on the rear part of the driver's cabin roof (3) is height adjustable and of uniform dimensions for all driver's cabin types, of uniform air-guiding plates (6a,6b) mounted adjustably (17) on the sides of the rear wall of the driver's cabin (4) and of uniform intermediate elements (7a,7b,8a,8b) arranged between the air-guiding wing (5) and driver's cabin roof (3) as well as between the air-guiding wing (5) and air-guiding plates (6a,6b) and connecting the latter. Heavy goods vehicles, in particular articulated lorries. <IMAGE>

IPC 1-7
B62D 35/00

IPC 8 full level
B62D 35/00 (2006.01)

CPC (source: EP)
B62D 35/001 (2013.01)

Citation (examination)
"Scania: a complete range of Tractors" EGB 1288.03.85 und "Mercedes-Benz 1635s, 2035s & 1644s 38-Tonne "Powerliner" Tractor-Units, Oktober 1986

Cited by
NL2024389B1; FR2745779A1; GB2393694A; GB2393694B; FR2769572A1; EP1043218A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
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